

Title (en)  
POLYAMIDE-BASED WATER TREATMENT MEMBRANE WITH REMARKABLE CONTAMINATION RESISTANCE, AND PREPARATION METHOD THEREFOR

Title (de)  
WASSERAUFBEREITUNGSMEMBRAN AUF POLYAMIDBASIS MIT BEMERKENSWERTER KONTAMINATIONSBESTÄNDIGKEIT UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)  
MEMBRANE DE TRAITEMENT D'EAU À BASE DE POLYAMIDE PRÉSENTANT UNE REMARQUABLE RÉSISTANCE À LA CONTAMINATION ET SON PROCÉDÉ DE PRÉPARATION

Publication  
**EP 2965802 A1 20160113 (EN)**

Application  
**EP 13831885 A 20130910**

Priority  
• KR 20130024482 A 20130307  
• KR 2013008185 W 20130910

Abstract (en)  
A water treatment separation membrane includes a support having pores, a polyamide layer formed on the support, and a passivation layer formed on the polyamide layer by using an aqueous solution including an amine - containing compound, an epoxy group-containing compound and a fluorine-containing compound.

IPC 8 full level  
**B01D 69/12** (2006.01); **B01D 61/02** (2006.01); **B01D 69/10** (2006.01); **B01D 71/56** (2006.01); **B01D 71/82** (2006.01)

CPC (source: EP KR US)  
**B01D 61/02** (2013.01 - EP US); **B01D 61/12** (2013.01 - EP US); **B01D 63/10** (2013.01 - EP KR US); **B01D 65/08** (2013.01 - EP KR US); **B01D 67/0088** (2013.01 - EP KR US); **B01D 67/00931** (2022.08 - EP KR US); **B01D 69/10** (2013.01 - KR); **B01D 69/1216** (2022.08 - KR); **B01D 71/32** (2013.01 - KR); **B01D 71/46** (2013.01 - KR); **B01D 71/56** (2013.01 - EP KR US); **B01D 71/82** (2013.01 - KR); **C02F 1/44** (2013.01 - KR); **C02F 1/441** (2013.01 - EP US); **C02F 2103/08** (2013.01 - EP KR US); **C02F 2303/20** (2013.01 - EP KR US)

Cited by  
US2014183128A1; US9649597B2

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**US 2014251892 A1 20140911**; **US 9650263 B2 20170516**; CN 104245100 A 20141224; CN 104245100 B 20180105; EP 2965802 A1 20160113; EP 2965802 A4 20161207; EP 2965802 B1 20191106; JP 2015516876 A 20150618; JP 5863140 B2 20160216; KR 101494541 B1 20150223; KR 101893239 B1 20180829; KR 20140110698 A 20140917; KR 20140110810 A 20140917; WO 2014137049 A1 20140912

DOCDB simple family (application)  
**US 201414197207 A 20140304**; CN 201380003410 A 20130910; EP 13831885 A 20130910; JP 2015504518 A 20130910; KR 2013008185 W 20130910; KR 20130108428 A 20130910; KR 20140092515 A 20140722